

United States Department of Agriculture  
Animal and Plant Health Inspection Service  
Plant Protection & Quarantine  
4700 River Road  
Riverdale, MD 20737

**Permit to Move Live Plant Pests, Noxious Weeds, and Soil**  
Importation  
**Regulated by 7 CFR 330**

This permit was generated electronically via the ePermits system

<b>PERMITTEE NAME:</b>	Dr. Mark Hoddle	<b>PERMIT NUMBER:</b>	P526P-19-04341
<b>ORGANIZATION:</b>	University of California	<b>APPLICATION NUMBER:</b>	P526-190812-009
<b>ADDRESS:</b>	Department of Entomology 900 University Avenue Riverside, CA 92521	<b>FACILITY NUMBER:</b>	93
<b>MAILING ADDRESS:</b>	Department of Entomology 900 University Avenue Riverside, CA 92521	<b>HAND CARRY:</b>	Yes
<b>PHONE:</b>	951-827-4714	<b>DATE ISSUED:</b>	10/16/2019
<b>FAX:</b>	951-827-3086	<b>DATE AMENDED:</b>	03/05/2020
<b>DESTINATION:</b>	Department of Entomology, 900 University Ave, Riverside, CA 92521	<b>EXPIRES:</b>	10/16/2022
<b>DESIGNATED PORTS:</b>	CA, Sacramento; FL, Miami (Cargo, DHL, Fed Ex, UPS, etc ); GA, Atlanta; NY, Jamaica; TX, Humble		

Under the conditions specified, this permit authorizes the following:

<u>Regulated Article</u>	<u>Life Stage(s)</u>	<u>Intended Use</u>	<u>Shipment Origins</u>	<u>Originally Collected</u>	<u>Culture Designation</u>
Heilipus spp.	Any	Research - Lab	Mexico, Canada, Caribbean Islands (except Puerto Rico and US Virgin Islands), Central America, South America	Originally Collected from Foreign Locations	
Invertebrate Organisms	Any	Research - Lab	Mexico, Canada, Caribbean Islands (except Puerto Rico and US Virgin Islands), Central America, South America	Originally Collected from Foreign Locations	

**SPECIAL INSTRUCTIONS TO INSPECTORS**

See permit conditions below

HAND CARRYING IS AUTHORIZED for Dr. Mark Hoddle.

**DHS CBP INSPECTORS - HAND CARRY INSTRUCTIONS**

1) For all hand carry events, the port of entry must have received hand carry requests at least 20 days in advance of the arrival of passenger(s), including the date and time of arrival and method of transport (maritime, land border, air) directly from CBP-OFO-APTL, originally provided by USDA-APHIS.

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Carlos Blanco

DATE

03/05/2020

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The port of entry for hand carry does not need to appear as a designated port on the permit; this official notice containing the information listed above authorizes the port listed on the notice as a destination port for this hand carry event.

- 2) For all hand carry events, a valid PPQ permit number or the PPQ permit must be provided in order to identify the designated hand carrier.
- 3) If the two conditions above are met and the CBP Agriculture Specialist confirms that all hand carried materials/organisms are securely packaged as per the permit conditions, the permitted regulated material/organisms may be released for immediate transport by the designated hand carrier to the destination address listed on the permit.
- 4) If the permitted regulated materials/organisms arrive by hand carrying, in personal luggage, or by personal automobile without a hand carry authorization as specified in the permit, CBP may seize and destroy the package or send it to the nearest PPQ Plant Inspection Station for further processing. The permit holder is responsible for all costs incidental to such actions. If forwarding the shipment is not possible, contact the Pest Permit Staff at the number below.


#### DHS CBP INSPECTORS - SHIPMENT BY BONDED CARRIER

- 1) Confirm that the carrier of the shipment imported under this USDA PPQ 526 permit is commercially bonded.
- 2) Confirm that the imported shipment has a valid USDA PPQ Form 599 Red/White label attached to the exterior for routing to a USDA APHIS PPQ Inspection Station or other "Designated Port" as stated on the Permit. A valid label will have the permit number, expiration date, label number, and address of a USDA APHIS PPQ Plant Inspection Station/Designated Port. PLEASE NOTE: In the event of a shipment of bulk container with discrete units, a single PPQ Form 599 Red/White label may be used.
- 3) Validate the permit in ePermits using the CBP search feature.
- 4) If a valid PPQ Form 599 Red/White label is not attached to the exterior of the package or the label has been covered or is otherwise not legible, then forward to the nearest USDA APHIS PPQ Plant Inspection Station.
- 5) If the address on the airway bill does not match the address on the PPQ Form 599 Red/White label then forward the package to the nearest USDA APHIS PPQ Plant Inspection Station/designated port shown on the PPQ Form 599 label. All costs associated with rerouting misaddressed packages will be assumed by the permit holder.

#### APHIS PPQ INSPECTORS at PIS - Low Risk

Follow the instructions in the Plant Inspection Station Manual for Low Risk Organisms - Arthropods or Microbials Red and White Labeled Packages (may be opened outside a biosafety cabinet; see procedures for handling on page 3-7-42). For questions or concerns, contact USDA APHIS PPQ in Riverdale, MD, at 301-851-2046, toll free 866-524-5421.


### PERMIT CONDITIONS

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USDA-APHIS authorizes Dr. Mark Hoddle, University of California, Department of Entomology, 900 University Avenue, Riverside, CA, to import all life stages of invertebrates from Canada, Central and South America, Caribbean Islands (except from Puerto Rico, and U.S. Virgin Islands), and Mexico, for laboratory research in the USDA-APHIS approved Facility Number 93 at the Arthropod Biological Control Containment Facility, Insectary and Quarantine Facility, Department of Entomology, University of California, 3401 Watkins Drive, Riverside, CA. All these conditions must be followed:

1.
  - This permit is issued by the United States Department of Agriculture's Animal and Plant Health Inspection Service (APHIS). It conveys APHIS regulations and requirements for the material(s) listed on this permit. It does not reduce or eliminate your legal duty and responsibility to comply with all other applicable Federal and State regulatory requirements.
  - The permit number or a copy of the permit must accompany the shipment.
  - You must be an individual at least 18 years old, or legal entity such as partnership, corporation, association, or joint venture.
  - You are legally responsible for complying with all permit requirements and permit conditions.
  - The regulated material and shipping container(s) are subject to inspection by officials of Custom and Border Protection (CBP) and APHIS. CBP or APHIS officials may require the shipment to be treated, seized, re-exported, or destroyed (in part or whole). You will be responsible for expenses.
  - If you violate any applicable laws associated with this permit, you may face substantial civil or criminal penalties. We may cancel all current permits and deny future permit applications.
  - Without prior notice and during reasonable hours, authorized Federal and State Regulators must be allowed to inspect the conditions associated with the regulated materials/organisms authorized under this permit.
2. The permit holder must:
  - maintain a valid PPQ526 permit so long as the regulated materials/organisms are alive or viable,
  - not assign or transfer this permit to other persons without APHIS PPQ authorization,
  - maintain an official permanent work assignment, residence, or affiliation at the address on this permit,

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- notify the Pest Permit Staff as soon as possible of any change in the permit holder's work assignment, residence, or affiliation,
- notify the Pest Permit Staff of the receipt of unauthorized and/or misdirected shipments of regulated materials/organisms,
- adequately mitigate environmental impacts resulting from unauthorized release of regulated materials/organisms and notify the Pest Permit staff immediately if one occurs,
- notify the Pest Permit Staff if the facility is damaged/destroyed or if you wish to decommission the facility,
- destroy all regulated materials/organisms prior to departure from the organization unless other arrangements are confirmed by the Pest Permit Staff.

Notifications to the Pest Permit Staff must be made via 866-524-5421 or [pest.permits@usda.gov](mailto:pest.permits@usda.gov) within one business day of the event triggering a notification.

3. HAND CARRYING IS AUTHORIZED for Dr. Mark Hoddle.

HAND CARRY PART 1 OF 2


The following conditions apply to all authorized hand carry events. Note that no PPQ-issued labels are required for hand carry events.

a) At least 20 days prior to each hand carry event, the permit holder or designee must notify the PPQ Permit Compliance Officer by email. In the subject line of the email, write "Notification of Hand Carry - Permit # xxxx":

For pests/pathogens, federal noxious weeds/parasitic plants, and host plant materials, please use: [PPQRegulatedOrganismsHandCarryRequest@usda.gov](mailto:PPQRegulatedOrganismsHandCarryRequest@usda.gov)

The email must contain the following information:

- hand carrier's name and permit number
- anticipated first port of entry into the United States

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- date and time of arrival and method of transport (maritime, land border, air)
- description of the regulated material/organism and packaging used for transport
- travel plans from the first port of arrival to the final destination

The PPQ Permit Compliance Officer will notify the Customs and Border Protection (CBP) Agricultural Specialist at the port of entry to document and facilitate the entry of the regulated material/organism.


If you have domestic (connecting) air travel plans, please contact the Transportation Security Administration (TSA) prior to arrival into the U.S.: TSA Contact Center Telephone: 1-866-289-9673; Email: TSA-ContactCenter@tsa.dhs.gov. Passengers can request special assistance with the screening process via the TSA Contact Center. Although special handling may be requested when traveling with fragile or sensitive items, TSA must conduct sufficient screening to ensure all property does not present a security threat. For more information visit [www.TSA.gov](http://www.TSA.gov).

Only the person(s) whose name(s) is/are listed on the issued permit is/are authorized to hand-carry.  
b) The hand carrier must ensure the following:

- All materials/organisms must be packaged as described in the permit conditions.
- Packaging material must be free of insects, noxious weeds, and other plants pests and must be treated as described in the permit conditions before discarded or reused.
- Hand-carried regulated materials/organisms must fit in the plane's overhead bin or under the seat. Hand-carried materials/organisms are not to be checked as baggage/luggage, and must remain on or in close proximity to one's person.

#### 4. HAND CARRY PART 2 OF 2

c) The hand carrier must declare the regulated material/organism at the port of entry. The hand carrier must present acceptable personal identification documents to CBP upon request. The hand carrier must also present a copy and/or permit number of the valid PPQ Permit that authorizes the

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hand carry.

d) In the event that a problem is detected, CBP may seize and destroy the package or send it to the nearest PPQ Plant Inspection Station for further processing. The permit holder is responsible for all costs incidental to such actions.

e) The authorization to hand carry is only for the regulated material/organism identified in the permit. The presence of unauthorized regulated materials/organisms is a permit violation.

f) After CBP confirmation and clearance through the first port of entry into the U.S., the hand carrier will not open or modify the package (including removal of anything applied to the package by CBP or another Federal Agency) until it arrives at the authorized facility. The hand carried regulated material/organism must be transported directly to the containment facility authorized in the permit. In the event that circumstances beyond the carrier's control cause a significant deviation in transport, the carrier must contact the PPQ Permit Compliance Officer at 866-524-5421 (pests/pathogens, federal noxious weeds/parasitic plants, soil, and host plant materials) or 877-770-5990 (for restricted or prohibited plant material).

g) Within 24 hours of the first business day of the regulated material/organisms' arrival at the facility, an independent third party (e.g. containment facility director, departmental chair, campus biosafety officer, etc.) must notify the PPQ Permit Compliance Officer via email that the shipment remained sealed until arrival. The notification must include what regulated material/organism was imported, its origin, permit number, date of arrival, and quantity. In the subject line of the email, please write: "Notification of Hand Carry Arrival - Permit # xxxx". See Hand Carry Part 1(a) above for the list of e-mail addresses to use for the notification.

Failure to notify the PPQ Permit Compliance Officer may result in loss of hand carry privileges. A PPQ inspector may visit the facility to confirm the arrival of the package and its contents.


5. After PPQ issues this 526 permit, you will need to request Red/White labels (PPQ Form 599) at least 5 days in advance of your shipping date. If you applied for your permit online using ePermits, you may request the labels using the My Shipments/Labels feature. Otherwise, send your request to [Redandwhitelabelrequest@usda.gov](mailto:Redandwhitelabelrequest@usda.gov). All email requests must come from the permit holder or designee. If requested by the designee, the permit holder must be copied on all requests. Specify the approved port as listed on the permit and the total number of labels needed. You may request additional labels the same way.

Packages without labels on the exterior may be refused entry.

Review label instructions at:

<https://www.aphis.usda.gov/aphis/ourfocus/planthealth/import-information/permits/plant-pests/or-ganisms-shipping-requirements>

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You are responsible for instructing your shipper to carefully follow these instructions. You are responsible for each import shipping label issued under this permit.

6. All packages for transport must minimally consist of both inner/primary and outer/secondary packages securely sealed so that both are effective barriers to escape or unauthorized dissemination of the imported invertebrates. The inner/primary package(s) will contain all the regulated invertebrates and must be cushioned and sealed in such a way that it remains sealed during shock, impact, and pressure changes that may occur. The outer/secondary shipping container must be rigid and strong enough to withstand typical shipping conditions (dropping, stacking, impact from other freight, etc.) without opening.


Regulated invertebrates to be transported in checked baggage or in the passenger compartment of an airplane, must be double packed in sturdy, hard-sided (no Styrofoam) escape-proof containers that have been taped shut. Carrier must bring enough tape to reseal the containers if they are inspected at any time during the trip. The permit holder must consider while packaging the regulated invertebrates, the kind of rough handling that can be expected during travel including shaking and inverting the package.

While in transportation to the permitted facility in a vehicle, the regulated invertebrates must be kept within a larger container sufficiently strong to remain intact in the event of a vehicle accident. Plastic ice chests secured with a nylon web strap are recommended for the outer most containment barrier. Containers should be fastened if carried in the bed of a pick-up truck.

The permit holder or their designees are authorized to transport the imported invertebrates in enclosed motor vehicles (i.e. no motorcycles or open-bed trucks). If stopped by law enforcement and requested to relinquish the organisms, then the permit holder must provide a copy of this permit and all conditions. Confiscated invertebrates must be safeguarded prior to return to the permit holder. Shipping/handling costs associated with the movement of confiscated packages are the responsibility of the permit holder. Shipments carried in vehicles must meet all packaging requirements. Any accidents during transport that compromise the security of shipment packaging must be immediately reported to the USDA via: [pest.permits@aphis.usda.gov](mailto:pest.permits@aphis.usda.gov). Include the permit number and ATTN: CA Blanco in the subject line, and describe the efforts taken to contain the pests.

The permit holder, and any individuals authorized by the permit holder, may transport the regulated invertebrates intrastate from the port of entry into the United States to the USDA-APHIS-approved containment Facility Number 93 in motor vehicles.

A copy of this permit should accompany the vehicular movement of the imported invertebrates.

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7. Modifications to the containment facility 93, or any changes that affect the containment of the imported invertebrates must be approved by APHIS prior to making changes. Please contact the Pest Permit Staff (email: pest.permits@usda.gov; phone: 866-524-5421; address: 4700 River Rd., Unit 133, Riverdale, MD 20737; Fax: 301-734-8700).
8. This authorization is not valid for field research, greenhouse work, or release into the environment.
9. ALL invertebrates must be maintained under escape-proof conditions in the APHIS-approved Facility Number 93 area at the work address indicated on this permit. Regulated invertebrates must be removed from this facility or other designated area only with prior authorization from APHIS. Only the evaluated area is authorized for containment. Other rooms require specific approval. Access to this area must be restricted to authorized personnel only.

The capacity of the imported invertebrates to escape (dig, claw, push, fly, or chew through wood, plastics, or metals) must be considered in containment design.

Collection methods must be available to catch escaping invertebrates.

One Heilipus beetle at a time with genitalia glued shut, can be removed from Facility Number 93, into a secure lab space outside the quarantine facility for carrying out GC-electroantennogram analyses (GC-EAD). After being used for GC-EAD analyses, if still alive, the Heilipus beetle must be returned to the Facility Number 93 before another Heilipus beetle can be removed from it

All materials removed from caging must be thoroughly examined for imported invertebrates, and disposed of following the waste disposal condition.


#### 10. WASTE DISPOSAL:

All imported invertebrates and all items coming in direct contact or exposed these regulated animals must be sterilized/sanitized/decontaminated prior to removal from the authorized containment facility. This includes all items from shipping, culturing, care, and maintenance. This requirement includes but is not necessarily limited to: packaging directly exposed to the regulated materials/organisms, substrates (culture media, soil, plant materials (food materials or host plants)), leftover/unused/unneeded live cultures, and dead specimens/cultures unless specified otherwise in the permit.

All waste materials must be treated by one of the follow methods prior to disposal:

Use any of the following, either alone or in combination: 1) autoclaved, 2) or disposed of as medical /biohazard waste with bonded contracted company or, 3) or incinerated, 4) or frozen at minus 29 Celsius (minus 20 Fahrenheit) for 72 hours (Note: this is colder than a conventional refrigerator/freezer), 5) or immersed in Sodium Hypochlorite (6 percent household bleach) for at least 60 minutes, or 6) immersed in 70 percent alcohol for at least 30 minutes.

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Treated waste as in 1) to 6), must be double bagged prior to disposal.

11. There is to be no further movement or distribution of the imported invertebrates within the United States and its territories unless the recipient holds, or is named as a responsible party on a valid PPQ526 permit to receive them.
12. All persons working with imported invertebrates must be informed of these permit conditions. Anyone working with these materials/organisms must agree to and sign/initial these conditions before beginning work. These signed conditions do not need to be submitted to USDA/APHIS but must be readily accessible and made available to Federal and State regulators upon request.

Note: these conditions may be copied and stored electronically for electronic signature and initialing provided that the permit number, authorized materials/organisms and life stages, release locations if applicable, and authorization statement all appear on the document with the permit number. Signing these conditions only indicates that the person working under this permit has read them; the permit holder is the sole responsible party under this permit.

**END OF PERMIT CONDITIONS**

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